

Title (en)

APPARATUS AND METHOD FOR GENERATING A SCANNING BEAM IN AN OPTICAL PICKUP HEAD, MINIATURE OPTICAL PICKUP HEAD AND OPTICAL STORAGE SYSTEM INCORPORATING A MINIATURE PICKUP HEAD

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERZEUGEN EINES ABTASTSTRAHLS IN EINEM OPTISCHEN ABNEHMERKOPF, OPTISCHER MINIATUR-ABNEHMERKOPF UND OPTISCHES SPEICHERSYSTEM MIT EINEM MINIATUR-ABNEHMERKOPF

Title (fr)

DISPOSITIF ET PROCEDE PERMETTANT DE GENERER UN FAISCEAU DE BALAYAGE DANS UNE TETE DE LECTURE OPTIQUE, TETE DE LECTURE OPTIQUE MINIATURE, ET SYSTEME DE STOCKAGE OPTIQUE COMPRENANT UNE TELLE TETE DE LECTURE OPTIQUE MINIATURE

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Application

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Abstract (en)

[origin: US2007223329A1] A miniaturised optical pickup head for an optical storage system in which a well-collimated beam is generated. The optical pickup head comprises an optical system comprising a collimator lens and a reflective or diffractive elements, such as a 45 degree mirror. The optical system is attached to a cover plate and extends into a cavity defined by the cover plate and a substrate on which a radiation source is provided. The cover plate, and therefore, the optical system including the collimator lens is movable relative to the radiation source in a direction parallel to the optical axis of the collimator lens and the substrate so as to adjust the alignment of the collimator lens relative to the radiation beam generated by the radiation source.

IPC 8 full level

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